

WHAT IS CLAIMED IS:

1 1. A method for performing a remote power reset at a remote server through
2 a network connection, comprising:
3 pinning a power reset procedure to memory at a remote server; and
4 continuously running the power reset procedure to listen for a call to initiate a
5 power reset in response thereto.

1 2. The method of claim 1, wherein the listening for a call further comprises
2 listening for a Request TCP/IP packet to initiate the power reset.

1 3. The method of claim 2, wherein the listening for a call further comprises
2 listening for a call via a network connection.

1 4. The method of claim 1, wherein the listening for a call further comprises
2 listening for a call via a network connection.

1 5. The method of claim 1, wherein the listening for a call further comprises
2 listening to a predetermined TCP/IP port for a Request TCP/IP packet specifying the
3 power reset procedure.

1 6. The method of claim 5 further comprising receiving at a the predetermined
2 TCP/IP port the Request TCP/IP packet and initiating the power reset procedure pinned
3 in the memory of the remote server in response to receipt of the Request TCP/IP packet.

1 7. The method of claim 6, wherein the initiating the power reset further
2 comprises performing a system call to reboot or power off the remote server.

1 8. The method of claim 6, wherein the remote server hangs as result of
2 running out of virtual memory, and wherein the initiating the power reset further
3 comprises unhanging the remote server using the power reset procedure.

1 9. A method for initiating a remote power reset at a remote server through a
2 network connection, comprising:
3 determining whether a remote server should perform a power reset procedure that
4 is pinned to memory and running at the remote server; and
5 sending a call to the remote server to initiate the power reset procedure pinned to
6 memory of the remote server.

1 10. A remote server, comprising:
2 a memory for storing program instructions, a power reset procedure being pinned
3 to the memory; and
4 a processor configured according to the program instructions for running the
5 power reset procedure to listen for a call to initiate a power reset in response thereto.

1 11. The remote server of claim 10, wherein the call comprises a Request
2 TCP/IP packet for initiating the power reset.

1 12. The remote server of claim 10, wherein processor listens for the call via a
2 network connection.

1 13. The remote server of claim 10, wherein the processor listens for a call by
2 listening to a predetermined TCP/IP port for a Request TCP/IP packet specifying the
3 power reset procedure.

1 14. The remote server of claim 13, wherein the processor receives the Request
2 TCP/IP packet from predetermined TCP/IP port and initiates the power reset procedure
3 pinned in the memory in response to the Request TCP/IP packet.

1 15. The remote server of claim 14, wherein the processor initiates the power
2 reset by performing a system call to reboot or power off the remote server.

1 16. A system for performing a remote power reset at a remote server through a
2 network connection, comprising:
3 a host;
4 a network connection; and
5 a remote server, coupled to the host through the network connection;
6 wherein the host determines whether a remote server should perform a power
7 reset procedure that is pinned to memory and running at the remote server and sends a
8 call to the remote server to initiate the power reset procedure pinned to memory of the
9 remote server, and wherein the remote server listens for the call, receives the call and
10 initiates the power reset procedure pinned in the memory of the remote server in response
11 to the call.

1 17. A host computer system, comprising:
2 a memory for storing program instructions; and
3 a processor, configured according to the program instructions for determining
4 whether a remote server should perform a power reset procedure that is pinned to
5 memory and running at the remote server and sending a call to the remote server to
6 initiate the power reset procedure at the remote server.

1 18. A remote server, comprising:
2 means for storing program instructions, a power reset procedure being pinned to
3 the memory; and
4 means configured according to the program instructions for running the power
5 reset procedure to listen for a call to initiate a power reset in response thereto.

1 19. A system for performing a remote requested action, comprising:
2 host means for running applications;
3 network means for providing network connections; and
4 remote means, coupled to the host means via the network means;
5 wherein the host means determines whether a remote means should perform a
6 power reset means that is pinned to means for storing and running at the remote means,
7 the host means sending a call to the remote means to initiate the power reset means at the
8 remote means, and wherein the remote means listens for the call, receives the call and
9 initiates the power reset means at the remote means in response to the call.

1 20. A host computer system, comprising:
2 means for storing program instructions; and
3 means configured according to the program instructions provided by the means
4 for storing for determining whether a remote means needs to perform a remote power
5 reset means that is pinned to means for storing at the remote means and running on the
6 remote means and sending a call to the remote means to initiate the power reset means at
7 the remote means.

1 21. A program storage device readable by a computer, the program storage
2 device tangibly embodying one or more programs of instructions executable by the
3 computer to perform a method for performing a remote power reset at a remote server
4 through a network connection, the method comprising:
5 pinning a power reset procedure to memory at a remote server; and
6 continuously running the power reset procedure to listen for a call to initiate a
7 power reset in response thereto.

1 22. A program storage device readable by a computer, the program storage
2 device tangibly embodying one or more programs of instructions executable by the
3 computer to perform a method for performing a remote power reset at a remote server
4 through a network connection, the method comprising:
5 determining whether a remote server should perform a power reset procedure that
6 is pinned to memory and running at the remote server; and
7 sending a call to the remote server to initiate the power reset procedure pinned to
8 memory of the remote server.